

Attorney's Docket No. 034691/234885

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re: Beyerer et al. Confirmation No. 3478
Appl. No.: 09/868,716 Group Art Unit: 2878
Filed: June 20, 2001 Examiner: S. K. Yam
For: METHOD AND DEVICE FOR OBJECT RECOGNITION

Commissioner for Patents
Washington, DC 20231

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AMENDMENT ACCOMPANYING RCE FILING

Dear Sir:

Kindly amend the above identified application as follows:

In the Claims:

Cancel Claim 43 (Amended) as presented in the Amendment filed March 3, 2003, and which had been previously cancelled.

Add the following new Claims 48 and 49:

48. (New) An apparatus for detecting defects on workpieces comprising

at least two light sources for illuminating the workpiece from different directions, with the light sources being positioned so as to produce shadows which magnify an area of the workpiece,

a camera for recording the illuminated workpiece and the magnifying shadows resulting from the illumination, and

a computer for processing the data received from the camera.

49. (New) The apparatus of Claim 48 wherein the computer is programmed for comparing the data received from the camera with a record of reference data.